

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of :  
**GILLIS et al.** : Examiner: Petravick, Meredith C.  
SERIAL NO. 09/852,321 : Group Art Unit 3671  
FILED: May 11, 2001  
TITLE: **ROTARY IMPACT DRILL ASSEMBLY**

The Honorable Commissioner  
of Patents and Trade Marks  
WASHINGTON, D.C. 20231  
U.S.A.

**VIA FACSIMILE TO (Before Final) to 703-872-9326**

Sir:

**AMENDMENT**

This amendment is responsive to the Examiner's office action dated September 6, 2002 and due without penalty on or before December 6, 2002.

There are now 5 independent claims and a total of 25 claims now on file. An **extra claim fee of \$258.00** (2\*84 + 5\*18) is enclosed via credit card authorization form PTO 2038.

Markups for the changes to the specification as required under 37 CFR 1.121 are included.

**IN THE SPECIFICATION**

At page 1, line 4, please replace with the existing paragraph with the following replacement paragraph:

**The present invention relates to rotary impact, torque intensifying apparatus for use with drill bits, particularly polycrystalline diamond compact "PDC" bits and methods of use applied to subterranean drilling.**

SERIAL NO. 09/852,321

1

Atty Docket: 2069.273

## FACSIMILE COVER SHEET

### GOODWIN MCKAY

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FACSIMILE No.: 703-746-3728

Total Pages in Fax 19

ATTENTION: EXAMINER Meredith Petravick

VOICE No.: 703 305 0047

COMPANY: USPTO GROUP 3600

OUR FILE No.: 2069.273

Your File No.: 09/852,321

DATE: March 31, 2003

#### NOTES:

As Attached

- RESUBMISSION OF OFFICE ACTION RESPONSE – ORIGINALLY DUE DEC 6, 2002
- NEW CREDIT CARD PTO-2038 (NEW Number and current dated)
- AUTO FACSIMILE RECEIPT DATED DEC 5, 2002 (ORIGINAL SUBMISSION)
- OUR FACSIMILE TRANSMISSION RECORD
- ORIGINAL OFFICE ACTION RESPONSE SUBMITTED DEC. 5, 2002

In re application of

GILLIS et al.

SERIAL NO. 09/852,321

FILED: May 11, 2001

TITLE: ROTARY IMPACT DRILL ASSEMBLY

Examiner: Petravick, Meredith C.

Group Art Unit 3671

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of :  
**GILLIS et al.** : Examiner: Petravick, Meredith C.  
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U.S.A.

**VIA FACSIMILE TO (Before Final) to 703-746-3728 (Examiner Petravick)**

Sir:

**RESUBMISSION OF AMENDMENT**

On Dec 5, 2002, Applicant submitted an amendment before final via facsimile to the Auto-Reply Facsimile Transmission facsimile number for Technology Group 3600.

An Auto-Reply Receipt transmission was duly received evidencing 14 pages received by the USPTO on December 5, 2002.

The response was received by the USPTO in a timely manner prior to the due date of December 6, 2002 without penalty.

Today, March 31, 2003, Examiner Meredith C. Petravick made a courtesy call which indicated that no amendment was received and the application was slated for abandonment.

Attached is a copy of the amendment, a current dated PTO-2038 form (\$238) for the extra claim fee, and proof of submission.

Per the Examiner's request, I am submitting the response to Examiner Petravick at (703) 746-3728.

The application should be in good standing and I look forward to receiving the Examiner's next communication.

Respectfully submitted,

Date:

*March 31/03*

*Sean W. Goodwin*  
**Sean W. Goodwin #39,568**  
Agent for the Applicant

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**SERIAL NO. 09/852,321**

**1**

**Atty Docket: 2069.273**

Mar. 31, 2003 7:33AM  
12/03/02 11:47:01

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No. 3925 P. 4

Page 001

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## Auto-Reply Facsimile Transmission



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FACSIMILE No.: 703-872-9326 Total Pages in Fax 14 (14)

ATTENTION: **EXAMINER Meredith Petravick** VOICE No.: 703 305 0047

COMPANY: USPTO GROUP 3600

OUR FILE No.: 2069.273 Your File No.: 09/852,321 DATE: December 5, 2002

NOTES:

As Attached

Office action response due December 6, 2002, including markups, credit card authorization form PTO 2038 for extra claim fees, and illustrative Sketch 1.

Serial No.: 09/852,321, Filed May 11, 2001 - First Named Inventor: Peter J. Gillis

GoodwinBerlinMckay\PPD273 - Innot Tech\USDA\Fax - USPTO Grp 3600.doc

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**FAKED**  
*19pp SRC*

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